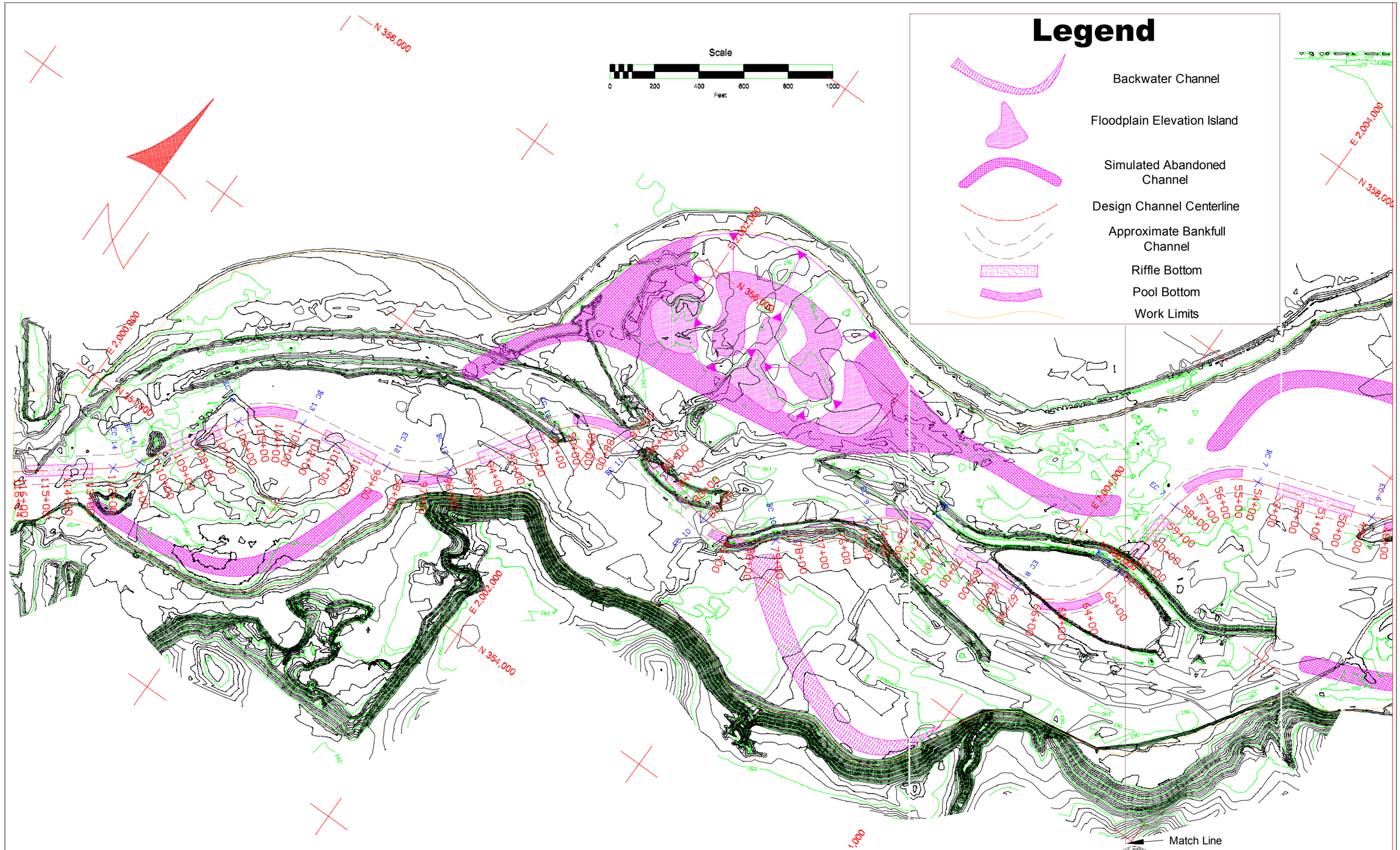
Appendix D
Design Drawings



Design Plan View Sheet 1 of 2	Merced River Salmon Habitat Enhancement Project Phase III	DWR SJD River Management Section	Designed By: DSE Drawn By: DSE Approved By: KJF Date: 04/25/01

Legend

- Backwater Channel
- Floodplain Elevation Island
- Simulated Abandoned Channel
- Design Channel Centerline
- Approximate Bankfull Channel
- Riffle Bottom
- Pool Bottom
- Work Limits

Scale

0 200 400 600 800 1000

Feet

Match Line

Design Plan View Sheet 2 of 2	Merced River Salmon Habitat Enhancement Project Phase III	DWR SJD River Management Section	Designed By: DSE Drawn By: DSE Approved By: KJF Date: 04/25/01

Scale

0 200 400 600 800 1000

Feet

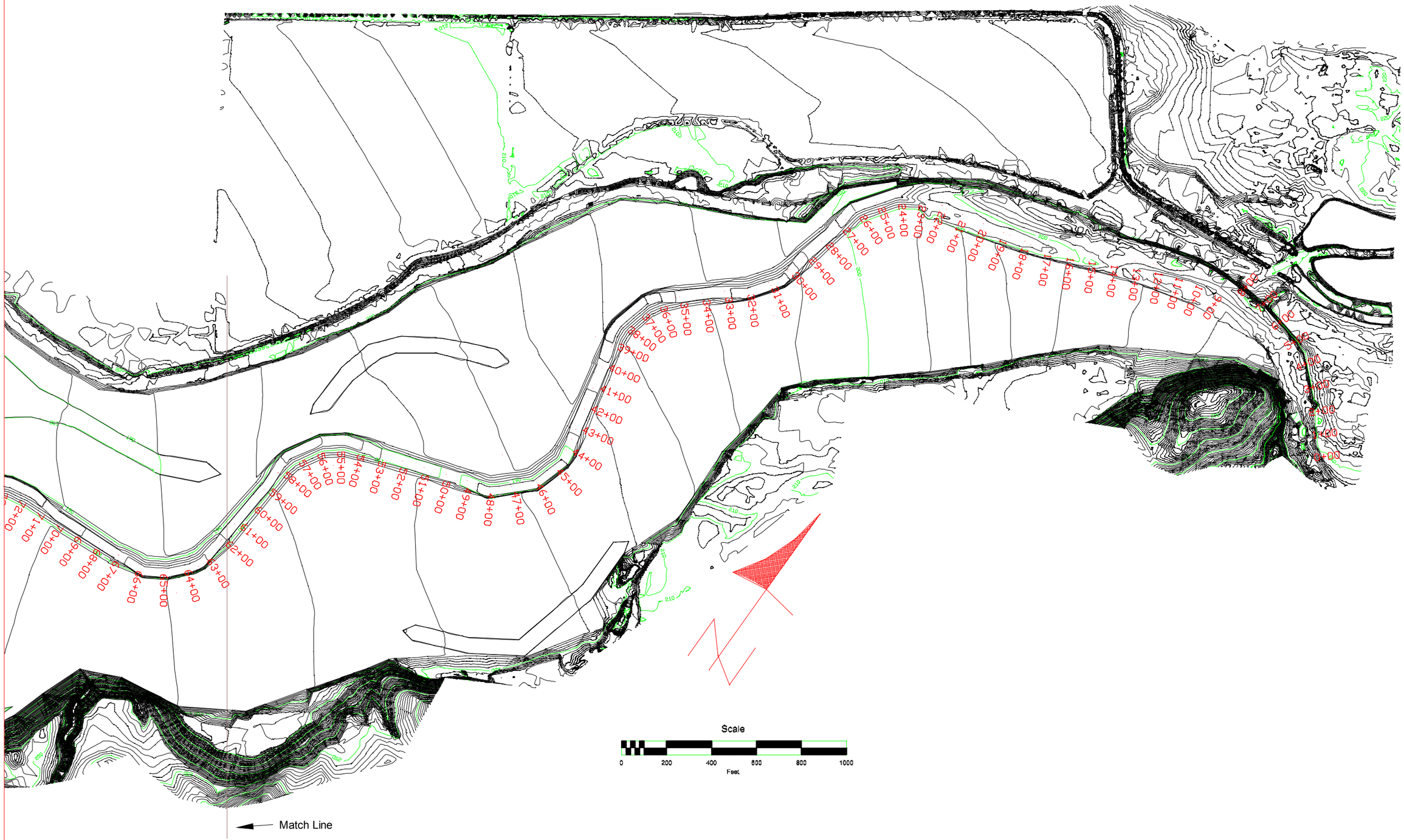
Match Line

Design 1 ft Contours
Plan View Sheet 1 of 2

Merced River Salmon Habitat Enhancement Project
Phase III

DWR SJD
River Management Section

Designed By: DSE	Approved By: KJF
Drawn By: DSE	Date: 04/25/01



Design 1 ft Contours Plan View Sheet 2 of 2

Merced River Salmon Habitat Enhancement Project Phase III

DWR SJD
River Management Section

Designed By: DSE	Approved By: KJF
Drawn By: DSE	Date: 04/25/01

Scale

0 200 400 600 800 1000

Feet

Legend

- Area of Cut
- Area of Fill
- Design Channel Centerline
- Approximate Bankfull Channel

Match Line

Cut and Fill Plan View Sheet 1 of 2	Merced River Salmon Habitat Enhancement Project Phase III	DWR SJD River Management Section	Designed By: DSE Drawn By: DSE Approved By: KJF Date: 04/25/01

Legend

Area of Cut

Area of Fill

Design Channel Centerline

Approximate Bankfull Channel

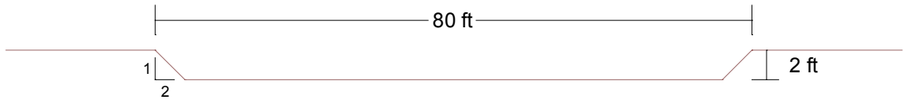
Scale

0 200 400 600 800 1000

Feet

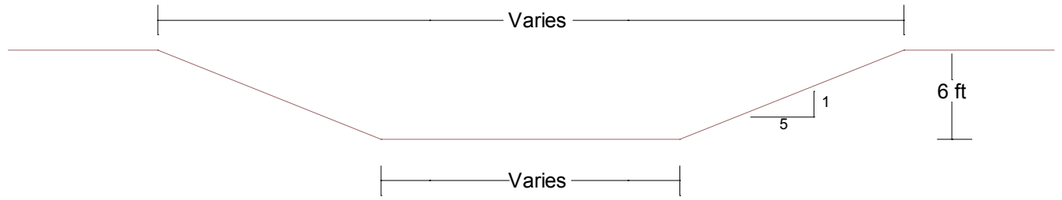
Match Line

Cut and Fill Plan View Sheet 2 of 2	Merced River Salmon Habitat Enhancement Project Phase III	DWR SJD River Management Section	Designed By: DSE	Approved By: KJF
			Drawn By: DSE	Date: 04/25/01



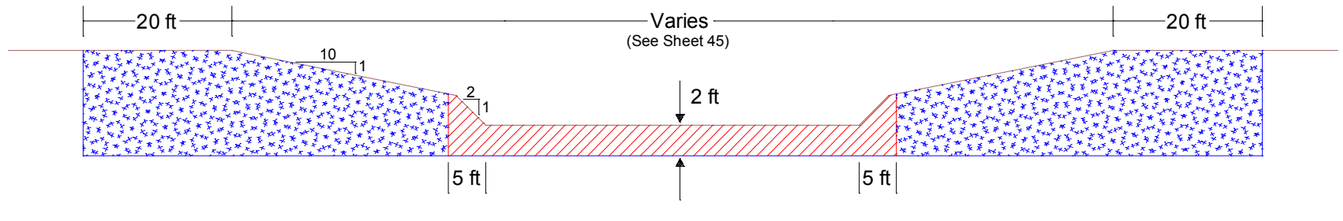
Detail A - Typical Section
Simulated Abandoned Channel

Note: See Drawings C1-1 and C1-2 for Locations

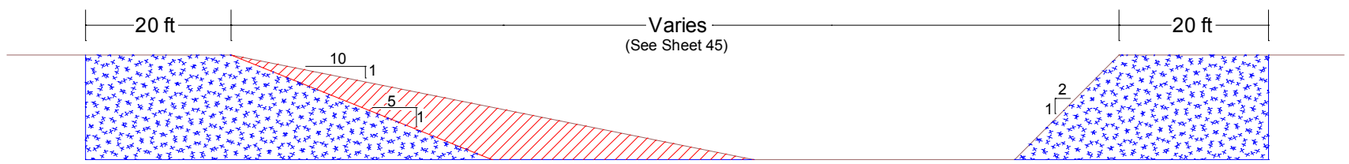


Detail B - Typical Section
Backwater Channel

Note: See Drawings C1-1 and C1-2 for Locations



Typical Riffle Section



Typical Pool Section

Detail C - Typical Sections
Channel Overexcavation and
Graded and Select Borrow Materials Placement

Note: See Drawings C7-1 and C7-2 for Riffle and Pool Locations

Legend

- Finish Grade
- Overexcavation Line
- Graded Material
- Select Borrow Material

Design Details	Merced River Salmon Habitat Enhancement Project Phase III	DWR SJD River Management Section	Designed By: DSE Drawn By: DSE	Approved By: KJF Date: 04/25/01